

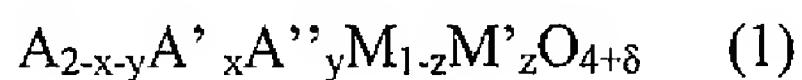
Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Please amend claims 1-10 as follows:

Listing of Claims:

1. (Currently Amended) An oxide material of the following general formula:



where:

~~A is a metal cation belonging to the group formed by selected from the group consisting of lanthanides and/or, alkali metals and/or, and alkaline-earth metals;~~

~~A' is at least one metal cation belonging to the group formed by selected from the group consisting of lanthanides and/or alkali metals and/or, and alkaline-earth metals;~~

~~A'' is a cationic vacancy, that is to say a cation A and/or cation A' vacancy;~~

~~M is a metal belonging to the group formed by selected from the group consisting of transition metals of the transition elements; and~~

~~M' is at least one metal belonging to the group formed by selected from the group consisting of transition metals of the transition elements, said material being such that:~~

~~0 < y < 0.30, preferably 0 < y ≤ 0.20;~~

~~0 < δ < 0.25, preferably 0 < δ < 0.10;~~

~~0 ≤ x ≤ 1; and~~

~~0 ≤ z ≤ 1~~

2. (Currently Amended) The oxide material as claimed on the preceding claims, such that according to claim 1, wherein:

~~A and A' are independently chosen selected from the group formed by consisting of lanthanum La, praseodymium Pr, strontium Sr, calcium Ca and neodymium Nd, preferably neodymium Nd, strontium Sr and calcium Ca and even more preferably neodymium Nd, and such that:~~

M and M' are independently chosen selected from the group formed by consisting of chromium Cr, manganese Mn, iron Fe, cobalt Co, nickel Ni and copper Cu, preferably nickel Ni and copper Ca, and even more preferably nickel-Ni.

3. (Currently Amended) The oxide material as claimed in one of the preceding claims, such that according to claim 1, wherein:

A is chosen selected from the group formed by consisting of lanthanum La, praseodymium Pr and neodymium Nd, preferably neodysium Nd; and

A' is chosen selected from the group formed by consisting of strontium Sr and calcium Ca, preferably calcium Ca,

And such that:

M is chosen selected from the group formed by consisting of chromium Cr, manganese Mn, iron Fe, cobalt Co, nickel Ni and copper Cu, preferably nickel-Ni; and

M' is chosen selected from the group formed by consisting of manganese Mn, iron Fe, cooper Cu and cobalt Co, preferably copper Cu and manganese Mn.

4. (Currently Amended) The material as claimed in one of the preceding claims, according to claim 1 having a crystallographic structure of the K_2NiF_4 type.

5. (Currently Amended) The material as claimed in one of the preceding claims, according to claim 1 having an oxygen surface exchange coefficient k of greater than 1×10^{-8} cm/s at 500°C and greater than 2×10^{-6} cm/s at 900°C in the case of oxygen.

6. (Currently Amended) The material as claimed in one of the preceding claims, according to claim 1 having an electronic conductivity σ_e of at least 70 S/cm, preferably at least 80 S/cm and even more preferably greater than 90 S/cm at 700 °C.

7. (Currently Amended) The material as claimed in one of the preceding claims, according to claim 1 having an oxygen diffusion coefficient of greater than $1 \times 10^{-9} \text{ cm}^2/\text{s}$ at 500 °C and greater than $1 \times 10^{-7} \text{ cm}^2/\text{s}$ at 900 °C.

8. (Currently Amended) An electrode comprising at least one the material as defined in one of the preceding claims claim 1.

9. (Currently Amended) ~~Device for producing electrical energy, of the A fuel cell type comprising at least one electrochemical cell comprising a solid electrolyte, an anode, and a cathode which wherein the cathode is an electrode as defined in the preceding claim claim 8~~

10 (Cancelled)